



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )

**CLYDE C. BRYANT** )

Serial No: **10/679,914** )

Filed: **October 6, 2003** )

For: **INTERNAL COMBUSTION ENGINE AND WORKING CYCLE**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby voluntarily discloses the reference listed on the attached Form PTO-1449 to the Assistant Commissioner for Patents. References A-AH were cited in a prior application relied upon by the above-identified application for an earlier filing date. The prior application relied upon is Application Serial No. 09/632,739, filed on August 4, 2000. It is specified in 37 CFR 1.98(d) that a "copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 USC 120." Therefore please review the parent case for references A-AH.

Applicant further reserves the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as the representation that an exhaustive search has been made, or that the information



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(Typed or printed name of person mailing correspondence)

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(Signature of person mailing correspondence)

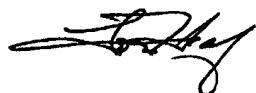
Application Number: **10/679,914** File Date: **October 6, 2003**  
Title: **INTERNAL COMBUSTION ENGINE AND WORKING CYCLE**  
Our Reference Number: **E025 1031.1**

Information Disclosure Statement  
Forms PTO 1449  
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cited herewith is material, or that there does not exist information more material to the examination of the present Application. The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return copies of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

Respectfully submitted,



Date: October 31, 2003

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Docket No.: **E025 1031.1**



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Form PTO-1449		Attorney Docket No. E025 1031.1	Serial No. 10/679,914
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Applicant Clyde C. Bryant	
		Filing Date October 6, 2003	Group

#### U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	2,344,993	03/44	Lysholm	123	105	
	B	2,594,845	04/52	W. Baumann	60	13	
	C	2,670,595	03/54	R. Miller	60	13	
	D	4,730,457	03/88	Yamada et al.	60	609	
	E	4,903,488	02/90	Shibata	60	609	
	F	1,825,817	10/31	Patterson	123	559.1	
	G	1,963,780	06/34	Du Bois	60	605.1	
	H	2,773,490	12/56	Miller	123	316	
	I	3,015,934	01/62	Miller	123	316	
	J	3,186,388	06/65	Bricout	60	605.1	
	K	3,266,234	08/66	Cook	60	605.1	

#### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	L 58-211,526	12/83	Japan	123	432		
	M 58-180,722	10/83	Japan	123	316		
	N 1,247,573	07/86	USSR	123	432		
	O 0 275 244	01/88	Europe	F02B	37/00		
	P DE 43 08 354 A1	09/93	Germany	F02B	33/44		

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
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Sheet 2 of 3

Form PTO-1449  INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)			Attorney Docket No. E025 1031.1	Serial No. 10/679,914
			Applicant Clyde C. Bryant	
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	Q	4,959,961	10/90	Hiereth	60	612	
	R	4,565,167	01/86	Bryant	123	70	
	S	2,292,233	08/42	Lysholm	123	316	
	T	5,119,795	06/92	Goto et al.	123	563	
	U	5,649,516	07/97	Laveran	123	563	
	V	4,759,188	07/88	Schatz	60	605.1	
	W	1,562,692	11/25	De Rochefort-Lucay	123	432	
	X	2,391,176	12/45	Mallory	123	432	
	Y	3,964,451	06/76	Goto, Kenji	123	432	
	Z	4,149,493	04/79	Franke, Walter	123	432	
	AA	4,527,534	07/85	Sakurai et al.	123	432	

#### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AB	JP 61070130	04/86	Japan	F02B	29/04		
AC	JP 0124414	09/89	Japan	F02B			
AD	SU 248375	07/66	Soviet Union	F02B	37/00		

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